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		Filing Date	
		First Named Inventor	VAN Lengerich, Bernhard H.
		Group Art Unit	
		Examiner Name	
Total Number of Pages in This Submission 6+Refs		Attorney Docket Number	5352USA
ENCLOSURES (check all that apply)			
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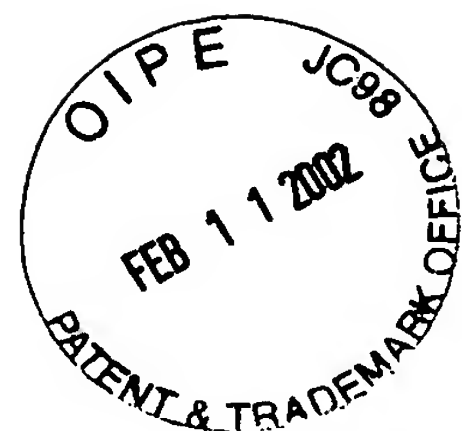
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30173

PATENT TRADEMARK OFFICE



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re.: Patent Application of
VAN LINGERICH, BERNHARD H.
MEUSER, FRIEDRICH P.
GRUESS, OLAF

Serial No.: N/A

Filed:

For: BETA-GLUCAN COMPOSITIONS AND PROCESS THEREFORE

Docket No.: 5352USA

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, DC 20231

Dear Sir:

Applicant herewith submits Substitute for Form
1449A/PTO identifying certain references which the Examiner
may wish to consider in examining the above-identified
application.

Copies of the references are included.

No representation is made herein that a search has been
made.

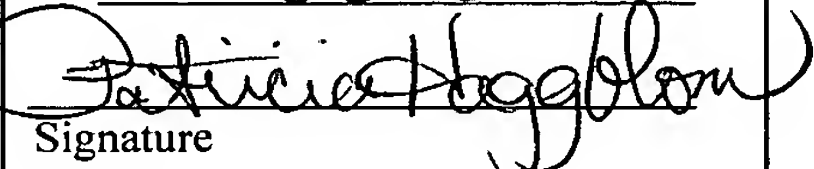
Respectfully submitted,

VAN LINGERICH, BERNHARD H.
MEUSER, FRIEDRICH P.
GRUESS, OLAF

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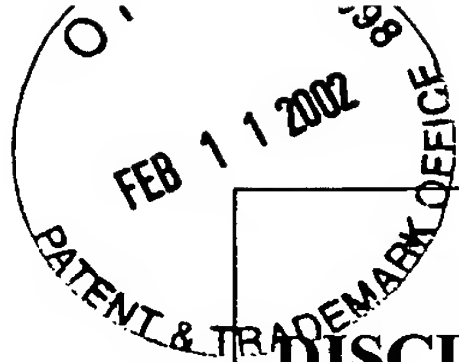
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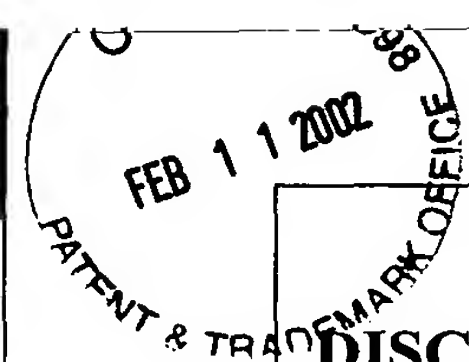
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete If Known	
				Application Number	N/A
				Filing Date	
				First Named Inventor	VAN LINGERICH, BERNHARD H.
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	GMI 5352USA
Sheet	3	of	4	Title: BETA-GLUCAN COMPOSITIONS AND PROCESS THEREFORE	

OTHER ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initial	Cite No.	Author	Date	Title	Pertinent Pages
	BB	Beer, M.U. Arrigoni, E. Amado, R.	1996	“Extraction of Oat Gum from Oat Bran: Effects of Process on Yield, Molecular Weight Distribution, Viscosity and (1→3)(1→4)-β-D-Glucans Content of the Gum” (<i>Cereal Chemistry</i> , vol.73, no. 1)	pps. 58-62
	BC	Zhang, D. Doehlert, D.C. Moore, W.R.	1998	“Rheological Properties of (1→3),(1→4)-β-D-Glucans from Raw, Roasted, and Steamed Oat Groats” (<i>Cereal Chemistry</i> ., vol. 75, no. 4)	pps. 433-438
	BD	Bhatty, R.S.	1999	“β-Glucan and Flour Yield of Hull-less Barley” (<i>Cereal Chemistry</i> , vol. 76, no. 2)	pps. 314-315
	BE	Temelli, F.	1997	“Extraction and Functional Properties of Barley β-Glucan as Affected by Temperature and pH” (<i>Journal of Food Science</i> , vol. 62, no 6)	pps. 1194-1197
	BF	Bhatty, R.S.	1995	“Laboratory and Pilot Plant Extraction and Purification of β-Glucans from Hull-less Barley and Oat Brans” (<i>Journal of Cereal Science</i> , 22)	pps. 163-170
	BG	Autio, K. Malkki, Y, Virtanen, R.	1992	“Effects of Processing on the Microstructure of Oat (Avena, Sativa) Bran Concentrate and the Physicochemical Properties of Isolated β-Glucans” (<i>Food Structure</i> , vol. 11)	pps. 47-54
	BH	Doehlert, D.C. Zhang, D. Moore, W.R.	1997	“Influence of Heat Pretreatments of Oat Grain on the Viscosity of Flour Slurries” (<i>J Sci Food Agric</i> , 74)	pps. 125-131



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OTHER ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initial	Cite No.	Author	Date	Title	Pertinent Pages
	BI	Izydorczk, M.S. Biliaderisst, C.G. Macri, L.J. MacGregor, A.W.	1998	“Fractionation of Oat (1→3),(1→4)-β-D-Glucans and Characterisation of the Fractions ¹ ” (<i>Journal of Cereal Science</i> , 27)	pps. 321-325
	BJ	Saulnier, L. Thhibault, G. & F-J.	1994	“Extraction and Partial Characterisation of β-Glucans from the Endosperms of two Barley Cultivars” (<i>Journal of Cereal Sciences</i> , 19)	pps. 171-178

Examiner Initial	Cite No.	Author	Date	Title	Pertinent Pages

Examiner Signature		Date Considered	
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**INFORMATION
DISCLOSURE STATEMENT
BY APPLICANT**

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	N/A
	Filing Date	
	First Named Inventor	VAN LINGERICH, BERNHARD H.
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	Examiner Name	
	Attorney Docket Number	GMI 5352USA
Sheet 1 of 4	Title: BETA-GLUCAN COMPOSITIONS AND PROCESS THEREFORE	

U.S. PATENT DOCUMENTS

Examiner Initial	Cite No.	Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US Pub. No. 2001/0027190 A1	Akashe et al.	10-04-2001	
	AB	4,028,468	Hohner et al.	06-07-1977	
	AC	4,804,545	Goering et al.	02-14-1989	
	AD	5,013,561	Goering et al.	05-07-1991	
	AE	5,106,640	Lehtomaki et al.	04-21-1992	
	AF	5,183,677	Lehtomaki et al.	02-02-1993	
	AG	5,244,887	Straub	09-14-1993	
	AH	5,502,045	Miettinen et al.	03-26-1996	
	AI	5,512,287	Wang et al.	04-30-1996	
	AJ	5,518,710	Bhatty	05-21-1996	
	AK	5,576,306	Dressman et al.	11-19-1996	
	AL	5,585,366	Gallaher et al.	12-17-1996	
	AM	6,020,324	Jamas et al.	02-01-2000	
	AN	6,025,348	Goto et al.	02-15-2000	
	AO	6,087,353	Stewart et al.	07-11-2000	
	AP	6,136,349	Karppanen et al.	10-24-2000	
	AQ	6,143,731	Jamas et al.	11-07-2000	
	AR	6,174,560 B1	Miettinen et al.	01-16-2001	
	AS	6,231,915 B1	van Amerongen et al.	05-15-2001	
	AT	6,248,387 B1	DeVay	06-19-2001	



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete If Known	
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FOREIGN PATENT DOCUMENTS

Examiner Initial	Cite No.	Foreign Patent Number			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office	Document Number	Kind			
	AU	WO	98/13056		Industrial Research Limited	04-2-1998	
	AV	WO	00/49052		Nurture	08-24-2000	

OTHER ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initial	Cite No.	Author	Date	Title	Pertinent Pages
	AW	Welch, Robert W.	1995	"THE OAT CROP – Production and Utilization"	pps.462-468
	AX	Carroll, K.K. Hamilton, R.M.G.	1975	"SYMPOSIUM: Nutritional perspectives and Atherosclerosis – Effects of Dietary Protein and Carbohydrate on Plasma Cholesterol Levels in Relation to Atherosclerosis" (<i>Journal of Food Science</i>), 40	pps. 18-23
	AY	Kritchevsky, D. Tepper, S.A. Klurfeld, D.M.	1987	"Dietary Protein and Atherosclerosis" (Cholesterol and Dietary Protein) (JAOCs, vol.64, no. 8)	pps. 1167-71
	AZ	Welch, R.W. Peterson, D.M. Schramka, B.	1988	"Hypocholesterolemic and Gastrointestinal Effects of Oat Bran Fractions in Chicks ^{1,2,3} " (<i>Nutrition Reports International</i> , vol.. 38, no.3)	pps. 551-561
	BA	Graham, A. & H.	1987	"Analysis of Total and Insoluble Mixed-Linked (1→3),(1→4)-β-D-Glucans in Barley and Oats" (<i>American Chemical Society</i>) (<i>J. Agric. Food Chem</i> , vol. 35, no. 5)	pps. 704-709